

CLAIMS

1. A method comprising:
receiving a plurality of signal inputs from a plurality of antenna elements;
determining a signal strength of the plurality of signal inputs;
receiving a selection of a reduced power consumption;
and
determining a combination of the plurality of signal inputs to combine in a combined signal, the combination having a number of signal inputs that is less than all of the plurality of signal inputs.
2. The method of claim 1, further comprises:
outputting the combined signal to a user device.
3. The method of claim 2, wherein the user device is coupled to communicate with another user device in a wireless network.
4. The method of claim 3, wherein the user device is one of a personal computer, a handheld computer, and a remote control device.
5. The method of claim 1, wherein determining a combination comprises determining a combined signal strength greater than any of the signal strengths of the plurality of inputs.
6. The method of claim 5, further comprises:
performing a digital signal process.

7. The method of claim 1, wherein the plurality of signal inputs comprises at least five signal inputs.

8. The method of claim 7, wherein the number of signal inputs combined in the combined signal comprises three signal inputs.

9. An article comprising a machine-readable medium including machine-executable instructions operative to cause a machine to:

receive a plurality of signal inputs from a plurality of antenna elements;

determine a signal strength of the plurality of signal inputs;

receive a selection of a reduced power consumption;
and

determine a combination of the plurality of signal inputs to combine in a combined signal, the combination having a number of signal inputs that is less than all of the plurality of signal inputs.

10. The article of claim 9, further comprises:
outputting the combined signal to a user device.

11. The article of claim 10, wherein the user device is coupled to communicate with another user device in a wireless network.

12. The article of claim 11, wherein the user device is one of a personal computer, a handheld computer, and a remote control device.

13. The article of claim 9, wherein determining a combination comprises determining a combined signal strength greater than any of the signal strengths of the plurality of inputs.

14. The article of claim 13, further comprises:
performing a digital signal process.

15. The article of claim 9, wherein the plurality of signal inputs comprises at least five signal inputs.

16. The article of claim 15, wherein the number of signal inputs combined in the combined signal comprises three signal inputs.

17. A system, comprising: a transceiver to receive a plurality of signal inputs; a storage medium for storing executable instructions and data; and

a processor for determining a signal strength for each of the plurality of signal inputs, the processor to receive a selection of a reduced power consumption and determine a combination of the plurality of signal inputs to combine in a combined signal, the combination having a number of signal inputs that is less than all of the plurality of signal inputs.

18. The system of claim 17, further comprises:

a plurality of antenna elements, each of the plurality of antenna elements corresponding to a one of the plurality of signal inputs.

19. The system of claim 18, wherein the processor further comprises a processor configured to output the combined signal to a user device.

20. The system of claim 18, wherein the processor further comprises a processor configured to determine a combined signal strength greater than any of the signal strengths of the plurality of inputs.

21. The system of claim 18, wherein the processor further comprises a processor configured to perform a digital signal process.

22. The article of claim 9, wherein the plurality of signal inputs comprises at least five signal inputs, and wherein the number of signal inputs combined in the combined signal comprises three signal inputs.